



48

HMR2053usnp1.ST25
SEQUENCE LISTING

<110> AVENTIS PHARMACEUTICALS INC.
GUO, Yong
MORSE, Clarence
YAO, Zhengbin

<120> MEMBRANE PENETRATING PEPTIDES AND USES THEREOF

<130> HMR2053 USNP1

<140> 09/933,780

<141> 2001-08-21

<150> US 60/27,647

<151> 2000-08-25

<150> GB 0103110.3

<151> 2001-02-07

<160> 54

<170> PatentIn version 3.0

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<211> 10

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Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp Lys Lys
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Ala Ala Val Ala Leu Leu Pro Ala Val Leu Leu Ala Leu Leu Ala
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Gly Gly Gly Gly
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Asn Tyr Lys Lys Pro Lys Leu
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<223> Sequence of C-terminal transmembrane 7 domain derived from 5HT2A receptor

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Lys Lys Pro Leu Gln Leu Ile
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Gly Phe Leu Gly
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HMR2053usnp1.ST25

Gly Arg Arg His His Cys Arg Ser Lys Ala Lys Arg Ser Arg His His
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<210> 18
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Gly Met Asp Tyr Lys Asp Asp Asp Asp Lys Gly Tyr Gly Arg Lys Lys
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Lys Arg Arg Gln Arg Arg Arg
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Lys Arg Arg Gln Arg Arg Arg
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Asp Asp Lys

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Pro Arg Asp

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Arg Arg

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Arg Thr

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HMR2053usnp1.ST25

Gly Lys Lys Thr Asn Leu Phe Ser Ala Leu Ile Lys Lys Lys Lys Thr
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Ala

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Arg Arg

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Gly Lys Arg Ala Arg Asn Thr Glu Ala Ala Arg Arg Ser Arg Ala Arg
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Lys Leu

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<210> 34
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Gly Lys Arg Arg Arg Arg Ala Thr Ala Lys Tyr Arg Ser Ala His
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Arg

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1 5 10 15

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<400> 47

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| Ser | Arg | Arg | His | His | Cys | Arg | Ser | Lys | Ala | Ala | Arg | Ser | Arg | His | His |
| 1 | | | | 5 | | | | | 10 | | | | | 15 | |

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Arg Arg His His Cys Arg Ser Lys Ala Lys Arg Ser Arg
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Gln Glu Leu Ser Glu Gln Ile His Arg Leu Leu Leu Gln Pro Val
 1 5 10 15

HMR2053usnp1.ST25

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Xaa Xaa Xaa Xaa
1